

Environmental Engineering Technology - Water & Wastewater Management

Center for Innovative Technologies Division

2014-2015 Curriculum

Note: All degree seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CHE-110	Fundamentals of General Chemistry		3	3	4
ENG-101	English Composition		3	0	3
EVS-110	Environmental Science: Conservation & Cleanup		3	2	4
EVT-105	Environmental Sampling		2	3	3
MAT-125	Algebra & Trigonometry		3	2	4

18

Semester 2

EVT-150	Environmental Chemistry	CHE 110 or CHE 121	2	3	3
EVT-16X	Calculations for Operators Elective		2	2	3
EVT-170	Water and Wastewater Treatment and Analysis	EVS 110, and CHE 110 or CHE 121	3	3	4
MAT-126	Functions & Calculus	MAT 125 (min. grade C)	3	2	4
PHY-151	Physics 1: Algebra and Trigonometry-Based	PHY 150 or MAT 125	3	2	4

18

Semester 3

XXX-XXX	Cooperative Education Elective	CIT 190	1	40	2
---------	--------------------------------	---------	---	----	---

2

Semester 4

ENG-10X	English Composition Elective		3	0	3
EVT-140	Environmental Regulations and Permits	EVS 110 and ENG 101	1	2	2
EVT-185	Supervisory Management in the Environmental Fields	EVS 110 and ENG 101	1	2	2
EVT-215	Utilities Safety and Security	EVT 170	1	2	2
EVT-230	Treatment Technologies	EVT 170	2	2	3
EVT-240	Fluid Mechanics	MAT 126 and PHY 151	2	3	3
EVT-24X	Operations of Treatment Plants Elective	EVT 16X	2	2	3

18

Semester 5

EVT-292	Full-Time Cooperative Education 2: EVT	EVT 191 or EVT 291	1	40	2
---------	--	--------------------	---	----	---

2

Semester 6

COMM-110	Public Speaking	ENG 101	3	0	3
EVT-155	Site Mapping and GIS	MAT 125	2	3	3
EVT-180	Environmental Statistics	EVS 110 and MAT 125	1	2	2
EVT-250	Water Collection and Distribution Systems	EVT 240	2	2	3
XXX-XXX	Humanities/Social Science Elective 1		3	0	3
XXX-XXX	Humanities/Social Science Elective 2		3	0	3

17

Total

75

Calculations for Operators Elective: EVT 165 or 166

Cooperative Education Elective: EVT 191 or EVT 291

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

Humanities/Social Sciences Electives: Any ART, CRJ, CULT, ECO, FRN, GEO, HST,

LIT, MUS, PHI, POL, PSY, REL, SOC, SPN, THE

Operations of Treatment Plant Electives: EVT 245 or EVT 246